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A.D. 1887, 3rd DECEMBER. N° 16,664.

PROVISIONAL SPECIFICATION.

Improvements in Abdominal Belts, Corsets, Knee Caps, and other
Surgical Appliances.

I, JOHN ARNOLD, of the firm of Arnold and Sons, of West Smithfield, in the City of London, Surgical Instrument Makers do hereby declare the nature of this invention to be as follows :—

The object of my invention is to produce such articles as abdominal belts, corsets,
5 and knee caps which are strong, easy of adjustment to that part of the body of the
wearer to which they are to be applied, while at the same time they are light, non
absorbent allowing vent for perspiration and consequently healthy to wear or use.

These surgical appliances are according to my invention made of woven hair
whether it be animal or human hair and they are cut to the required shape and some-
10 times woven to the particular shape required.

As applied to a belt or corset the back or back and front is or are fitted with
pieces or strips of whalebone or busks for preserving the shape thereof, and gusset
pieces may be inserted at the sides for giving or allowing elasticity to the hips
and other parts of the body. The front of the belt is provided with buckles and
15 tangs or straps in the ordinary way ; or other means for securing it to the body
of the wearer may be adopted. The corsets and knee caps are secured as usual.

The articles should be lined with crinoline muslin or other suitable material.

The invention is also applicable to respirators, truss covers, pads, skin protectors,
Valgus pads, webs, chest protectors and other such like surgical appliances.

20 Dated this 3rd day of December 1887.

JOHN ARNOLD.
By Brewer & Son,
33, Chancery Lane.

COMPLETE SPECIFICATION.

Improvements in Abdominal Belts, Corsets, Knee Caps, and other Surgical Appliances.

I, JOHN ARNOLD, of the firm of Arnold and Sons, of West Smithfield, in the City of London, Surgical Instrument Makers, do hereby declare the nature of this invention and in what manner the same is to be performed to be particularly described and ascertained in and by the following statement :—

The object of my invention is to produce such articles as abdominal belts, corsets, 5
and knee caps, which are strong, easy of adjustment to that part of the body of the wearer to which they are to be applied, while at the same time they are light, non-absorbent, allowing vent for perspiration and consequently healthy to wear or use.

The surgical appliances are according to my invention made of woven hair, 10
whether it be animal or human hair, and they are cut to the required shape and sometimes woven to the particular shape required.

And in order that my invention may be fully understood and readily carried into effect I will now proceed to describe the same with reference to the accom-
panying drawings. 15

Figure 1 is a perspective view, and Figure 2 is a plan view, shewing my invention as applied to a belt, but although I have chosen a belt to illustrate my invention as applied thereto, I do not limit myself to this application alone. The back, or back and front, is or are fitted with pieces or strips of whalebone or busks A A for preserving the shape of the article, and gusset pieces, such as are 20
shewn at D, may be inserted up the sides for giving or allowing elasticity for the action of the hips, and other parts of the body of the wearer.

The front of the belt is provided with buckles B, and tangs or straps C, in the ordinary way, or other means for securing it to the body of the wearer may be 25
adopted.

Corsets and knee caps constructed according to my invention are also secured in the usual manner. The articles should be lined with crinoline muslin, or other suitable material.

The invention is also applicable to respirators, truss covers, pads, "shin" protectors, valgus pads, webs, chest protectors, and other surgical appliances, as for 30
example "hobbles" for "casting" horses, but these several articles need not be here illustrated by drawings, as the combination in each is similar to that described and illustrated with reference to a belt, and to which my invention being especially

Arnold's Impts. in Abdominal Belts, Corsets, Knee Caps, & other Surgical Appliances.

applicable, I have chosen this article as being peculiarly suitable for illustrating the invention.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed I declare that what I
5 claim is :

The abdominal belts, corsets, knee caps, and other surgical and veterinary appliances when made of hair in combination with pieces or strips of whalebone or busks and with or without gusset pieces, all substantially as, and for the purposes hereinbefore described and illustrated with reference to the accompanying drawings.

10 Dated this 3rd day of September 1888.

JOHN ARNOLD.

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1888



FIG. 1

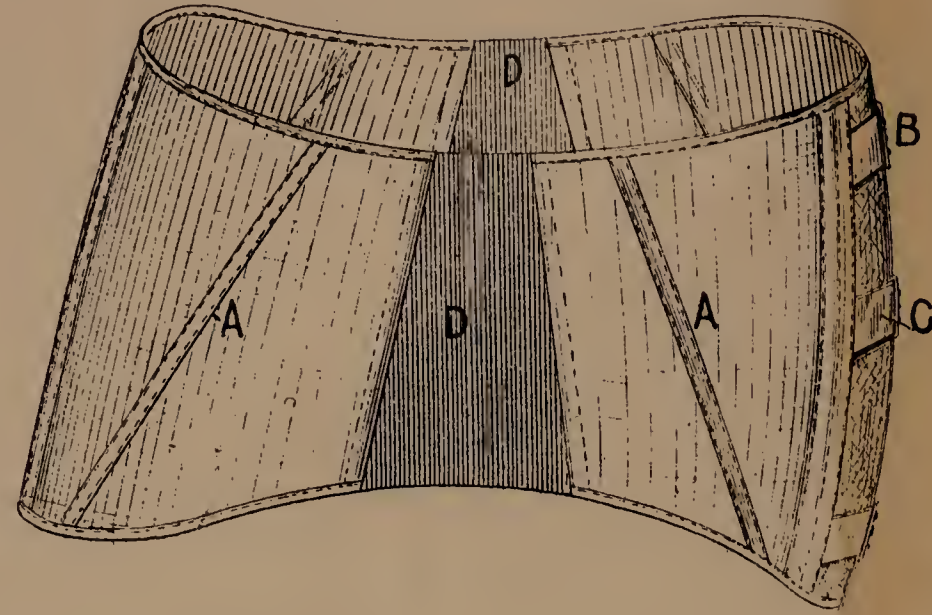
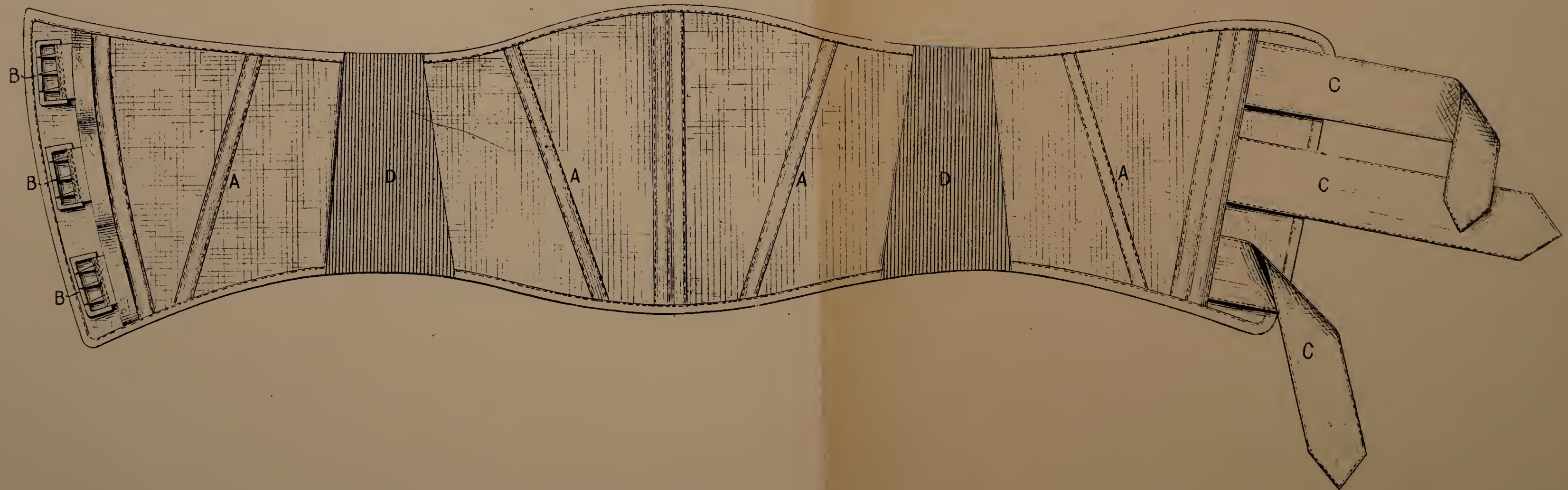


FIG. 2.



[This Drawing is a reproduction of the Original on a reduced scale]

FIG. 1

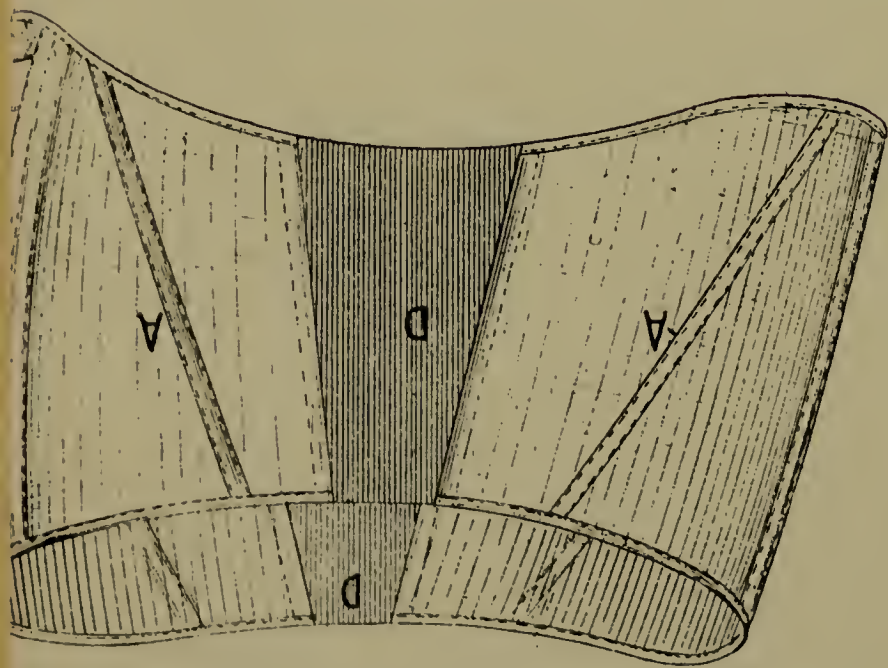


FIG. 2.

